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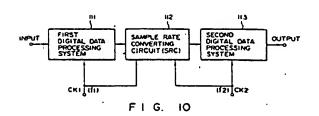
Date of deferred publication of the search report: 27.09.89 Bulletin 89/39 7) Applicant: KABUSHIKI KAISHA TOSHIBA 72, Horikawa-cho Saiwai-ku Kawasaki-shi Kanagawa-ken 210(JP)

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Sample rate conversion system having interpolation function.

(111) outputs digital data obtained by sampling, in response to a clock signal (CK1) of a first frequency (f1), original data having a characteristic enabling interpolation thereof. A second digital data processing system (113) obtains output datá bý sampling input data in response to a clock signal (CK2) of a second frequency (12). A sample rate conversion circuit (112) receives the digital data from the first digital data processing system (111), converts the sample rate thereof into a sample rate suitable for the second digital data processing system (113), and supplies the sample rate, as the input data, to the second digital data processing system (113). The sample rate conversion circuit (112) includes an in-Nterpolation circuit for performing interpolation of two adjacent units of data of the digital data received from the first digital data processing system, and an interpolation coefficient calculation circuit for calculating an interpolation coefficient, which is subsequently, supplied to the interpolation circuit, in accordance with a phase relationship between the clock signals (CK1, CK2) of the first (f1) and second (f2) frequencies.



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EUROPEAN SEARCH REPORT

Application Number

EP 87 11 4225

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Category	Citation of document of releva	with indication, where appropriate, ant passages	Relevant to claim	CLASSIFICATION OF THI APPLICATION (fbt. Cl. 4)
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	The present search report ha	as been drawn up for all claims		
THE MACHE		Date of completion of the search 11-07-1989	DECON	INCK E.F.V.
X: partice Y: partice docum A: techno O: non-w	TEGORY OF CITED DOCUM ularly relevant if taken alone ularly relevant if combined with ent of the same category logical background ritten disclosure ediate document	E : earlier patent doci	ument, but publish te the application r other reasons	ed oa, ar

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